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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=12; day=27; hr=20; min=40; sec=54; ms=964; ]

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Reviewer Comments:

List of sequences

<110> Chernysh Sergey Ivanovich

Please replace "List of sequences" with "SEQUENCE LISTING"

<210> 1

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> Allostatin 1

<400> 1

His Gly Val Ser Gly Trp Gly Gln His Gly Thr His Gly

1

5

10

As an explanation for "<213> Artificial Sequence" "Allostatin 1" needs more information regarding the source of the genetic material. Also, the amino acid numbers above are misaligned: do not use TAB codes between the amino acid numbers; TABs cause misalignment. Please use space characters, instead.

<210> 2

<211> 264

<212> PRT

<213> Tragelaphus strepsiceros

<220>

<223> fragment AA 80-91 of Trast prion protein 1 precursor (PrP1 Trast)

<308> Swissprot P40242

<309> 1995-02-31

<400> 2

His Gly Gly Gly Trp Gly Gln Pro His Gly Gly Gly

1

5

10

Although the above <211> response is "264," only 12 amino acids are shown. Please insert a "<300>" above the <308> numeric identifier. "<300>" is a mandatory header for all publication data; it never has a response. This error also appears in subsequent sequences. The above amino acid numbers are misaligned--this error also appears in subsequent sequences.

<210> 3

<211> 264

<212> PRT

<213> Tragelaphus strepsiceros

<220>

<223> fragment AA 96-108 of Trast prion protein 1 precursor (PrP1 Trast)

<308> Swissprot P40242

<309> 1995-02-31

<400> 3

His Gly Gly Gly Gly Trp Gly Gln Gly Gly Thr His Gly

1

5

10

Although the <211> response is "264," only 13 amino acids are shown. Please insert a <300> above <308>. The amino acid numbers are misaligned. These errors appear in subsequent sequences.

<210> 4

<211> 256

<212> PRT

<213> Tragelaphus strepsiceros

<220>

<223> fragment AA 64-75 of Trast prion protein 2 precursor (PrP2 Trast)

<308> Swissprot P40243

<309> 1995-02-31

<400> 4

His Gly Gly Gly Trp Gly Gln Pro His Val Gly Gly

Although the <211> response is "256," only 12 amino acids are shown

above. Please insert a <300> above <308>. Please insert amino acid numbers under every 5 amino acids--do not use TAB codes. All of these errors appear in subsequent sequences.

<210> 12

<211> 13

<212> PRT

<213> Calliphora vicina

<220>

<223> Alloferon 1

<310> RU 2172322 C1

<311> 1999-12-27

<312> 2001-08-20

<400> 12

His Gly Val Ser Gly His Gly Gln His Gly Val His Gly

1 5 10

Please insert a <300> above <310>. The amino acid numbers are misaligned.

<210> 13

<211> 5

<212> PRT

<213> Artificial sequence

<220>

<223> Fragment AA 1-5 of peptide SEQ ID NO 1

<400> 13

His Gly Val Ser Gly

1 5

The above <223> response is an insufficient explanation for "Artificial Sequence": please give more information regarding the source of the genetic material. The amino acid numbers are misaligned.

<210> 14

<211> 4

<212> PRT

<213> Artificial sequence

<220>

<223> Fragment AA 1-4 of peptides SEQ ID NO 2, 4, 8, 10, 11

<400> 14

His Gly Gly Gly

The above <223> response is an insufficient explanation of "Artificial Sequence". Please remove the "4" above; number the amino acids under every 5 amino acids. These errors appear in subsequent sequences.

<210> 23

<211> 6

<212> PRT

<213> Artificial sequence

<220>

<223> Fragment AA 8 - 13 of peptide SEQ ID NO 11

<400> 23

Gly Gly Gly Thr His Ser

1

5

??

??

??

??

Substitute Sequence Listing

Page 1

The above <223> response is an insufficient explanation for "Artificial Sequence." The amino acid numbers are misaligned. Please remove the above text which appears at the end of the submitted file.

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Application No: 10585715 Version No: 2.0

Input Set:

Output Set:

**Started:** 2008-12-17 09:56:40.675  
**Finished:** 2008-12-17 09:56:43.819  
**Elapsed:** 0 hr(s) 0 min(s) 3 sec(s) 144 ms  
**Total Warnings:** 16  
**Total Errors:** 34  
**No. of SeqIDs Defined:** 23  
**Actual SeqID Count:** 23

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
E 323	Invalid/missing amino acid numbering SEQID (1)at Protein (5)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (8)
E 323	Invalid/missing amino acid numbering SEQID (1)at Protein (10)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (5)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (8)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (10)
E 331	Count of Protein differs from the <211> tag Input: 264
E 323	Invalid/missing amino acid numbering SEQID (3)at Protein (5)
E 323	Invalid/missing amino acid numbering SEQID (3) POS (8)
E 323	Invalid/missing amino acid numbering SEQID (3)at Protein (10)
E 331	Count of Protein differs from the <211> tag Input: 264
E 331	Count of Protein differs from the <211> tag Input: 256
E 331	Count of Protein differs from the <211> tag Input: 256
E 331	Count of Protein differs from the <211> tag Input: 256
E 331	Count of Protein differs from the <211> tag Input: 264
E 331	Count of Protein differs from the <211> tag Input: 264
E 331	Count of Protein differs from the <211> tag Input: 253
E 331	Count of Protein differs from the <211> tag Input: 253
E 331	Count of Protein differs from the <211> tag Input: 253

**Input Set:**

**Output Set:**

**Started:** 2008-12-17 09:56:40.675  
**Finished:** 2008-12-17 09:56:43.819  
**Elapsed:** 0 hr(s) 0 min(s) 3 sec(s) 144 ms  
**Total Warnings:** 16  
**Total Errors:** 34  
**No. of SeqIDs Defined:** 23  
**Actual SeqID Count:** 23

Error code	Error Description
E 323	Invalid/missing amino acid numbering SEQID (12)at Protein (5)
E 323	Invalid/missing amino acid numbering SEQID (12) POS (7)
E 323	Invalid/missing amino acid numbering SEQID (12)at Protein (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
E 323	Invalid/missing amino acid numbering SEQID (13)at Protein (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
E 323	Invalid/missing amino acid numbering SEQID (16)at Protein (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
E 323	Invalid/missing amino acid numbering SEQID (17)at Protein (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
E 323	Invalid/missing amino acid numbering SEQID (18)at Protein (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
E 323	Invalid/missing amino acid numbering SEQID (19)at Protein (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)
E 323	Invalid/missing amino acid numbering SEQID (20)at Protein (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (21)
E 323	Invalid/missing amino acid numbering SEQID (21)at Protein (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (22)
E 323	Invalid/missing amino acid numbering SEQID (22)at Protein (5) This error has occurred more than 20 times, will not be displayed
W 213	Artificial or Unknown found in <213> in SEQ ID (23)

**Input Set:**

**Output Set:**

**Started:** 2008-12-17 09:56:40.675  
**Finished:** 2008-12-17 09:56:43.819  
**Elapsed:** 0 hr(s) 0 min(s) 3 sec(s) 144 ms  
**Total Warnings:** 16  
**Total Errors:** 34  
**No. of SeqIDs Defined:** 23  
**Actual SeqID Count:** 23

Error code	Error Description
W 112	Upper case found in data; Found at position(0) SEQID(23)
W 112	Upper case found in data; Found at position(10) SEQID(23)
E 342	'n' position not defined found at POS: 16 SEQID(23)
W 112	Upper case found in data; Found at position(18) SEQID(23)
E 342	'n' position not defined found at POS: 24 SEQID(23)
W 112	Upper case found in data; Found at position(25) SeqId(23)
E 259	Found undefined lettercode; POS (29) SEQID(23)

# List of sequences

<110> Chernysh Sergey Ivanovich

<120> Antitumoral and antiviral peptides

<160> 23

<210> 1

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> Allostatin 1

<400> 1

His Gly Val Ser Gly Trp Gly Gln His Gly Thr His Gly

1 5 10

<210> 2

<211> 264

<212> PRT

<213> Tragelaphus strepsiceros

<220>

<223> fragment AA 80-91 of Trast prion protein 1 precursor (PrP1 Trast)

<308> Swissprot P40242

<309> 1995-02-31

<400> 2

His Gly Gly Gly Trp Gly Gln Pro His Gly Gly Gly

1 5 10

<210> 3

<211> 264

<212> PRT

<213> Tragelaphus strepsiceros

<220>

<223> fragment AA 96-108 of Trast prion protein 1 precursor (PrP1 Trast)

<308> Swissprot P40242

<309> 1995-02-31

<400> 3

His Gly Gly Gly Gly Trp Gly Gln Gly Gly Thr His Gly

1 5 10

<210> 4

<211> 256

<212> PRT

<213> Tragelaphus strepsiceros

<220>

<223> fragment AA 64-75 of Trast prion protein 2 precursor (PrP2 Trast)

<308> Swissprot P40243

<309> 1995-02-31

<400> 4

His Gly Gly Gly Trp Gly Gln Pro His Val Gly Gly

<210> 5

<211> 256

<212> PRT

<213> Tragelaphus strepsiceros

<220>

<223> fragment AA 72-83 of Trast prion protein 2 precursor (PrP2 Trast)

<308> Swissprot P40243



<309> 1995-02-31  
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<210> 6  
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<223> fragment AA 88-100 of Trast prion protein 2 precursor (PrP2 Trast)  
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<309> 1995-02-31  
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His Gly Gly Gly Gly Trp Gly Gln Gly Gly Thr His Gly

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<210> 8  
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<212> PRT  
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<223> fragment AA 69-83 of human prion protein precursor (PrP Human)  
<308> Swissprot P04156  
<309> 1986-11-03  
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<311> 1999-12-27  
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1 5 10

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His Gly Val Ser Gly

1 5

<210> 14  
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1 4

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<212> PRT  
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<210> 17  
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 <212> PRT  
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<210> 18  
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 1 5

<210> 19  
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<210> 21  
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 <223> Fragment AA 8 - 12 of peptide SEQ ID NO 2, 5, 8  
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 1 5

<210> 22  
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<223> Fragment AA 8 - 13 of peptide SEQ ID NO 11  
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1 5  
??  
  
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??

Substitute Sequence Listing